

APPENDIX A CONFERENCE AGENDA

Marine Transportation System (MTS) Research and Technology Coordination Conference

WEDNESDAY, NOVEMBER 14, 2001

7:30 Registration (Poster and Exhibit Setup)
Continental Breakfast

8:30 **Welcome from the Conference Sponsor, Interagency Committee for the MTS**
Rear Admiral Paul Pluta
United States Coast Guard
Chairman of the Interagency Committee for the MTS

Keynote Address “The Unique Challenges of Maritime Security”
Admiral James M. Loy
Commandant, United States Coast Guard

Welcome and Comments from the MTS National Advisory Council
[Introduction by Ray Barberesi, MARAD]
Captain Michael Watson
President, American Pilots’ Association

Welcome and Address from the Conference Host, U.S. Army Corps of Engineers
Address “Overview of Current Corps of Engineers MTS Activities”
[Introduction by Barry Holliday, USACE]
Brigadier General Robert Griffin
Director of Civil Works
United States Army Corps of Engineers

Organization of the Conference
Bruce Parker
National Ocean Service, NOAA
Chair, R&T Subcommittee of the ICMTS

10:30 *Break*

11:00 **Panel 1 – Security I**

Moderator: Joe Cox, President, U.S. Chamber of Shipping

Coordinator: Jean Godwin, American Association of Port Authorities

Edward V. Badolato

CDR Stephen Flynn

Kim Petersen

CMS Inc. and National Cargo Security Council

Council on Foreign Affairs and the U.S. Coast Guard Academy

CEO, Sea Secure, Inc. and Executive Director, Maritime
Security Council

12:30 *Lunch*

1:30 **Challenge Speaker “MTS Capacity Problems: Real or Perceived?”**

M. John Vickerman

Principal, TranSystems Corporation

2:00 **Panel 2 – Port Capacity**

Moderator: Rex Edwards, Transportation Consultant

Organizer: Joedy Cambridge, TRB/Marine Board

Jim Brennan

Asaf Ashar,

Lauren Kotas

James McCarville

Norbridge Consulting

National Ports and Waterways Institute, Univ. of New Orleans

Canaveral Port Authority and AAPA

Port of Pittsburgh

3:30 *Break*

4:00 **TECHNICAL SESSIONS**

Session 1 : Future Fleet Predictive Capability

(Room NAS 150)

Session 2 : Navigation and Information Systems I

(Auditorium)

Session 3 : Regional Sediment Management I

(Lecture Room)

5:30 *Dinner*

Dinner Speaker – Carl Bentzel,

Senior Counsel, Senate Committee on Commerce, Science, and
Transportation

[Introduction by Richard Legatski, NOAA]

THURSDAY, NOVEMBER 15, 2001

7:30 Registration
Breakfast

8:30 **Panel 3 – Security II**

Moderator and Panelist: CAPT Anthony Regalbuto, U.S. Coast Guard

Coordinator: Ric Walker, U.S. Coast Guard Research and Development Center

John McGowan	Executive Director, Enforcement Planning, U.S. Customs Service
Keith Seaman	Chief of Concepts and Technology, U.S. TRANSCOM
Carl Trovato	Director of Operations, Philadelphia Regional Port Authority
John R. LaCapra	President, Florida Ports Council
John J. Lynch	Special Assistant for Force Protection, NAVFAC, U.S. Navy
Raymond Barberesi	Director, Office of Ports and Domestic Shipping, Maritime Administration

10:30 *Break*

11:00 **TECHNICAL SESSIONS AND PANEL**

Session 4 : Intermodal Freight Network Systems (Panel)	(Auditorium)
Session 5 : Level of Service	(Lecture Room)
Session 6 : Ballast Water Treatment Technologies	(Room NAS 150)

12:30 *Lunch*

Focus Group led by U.S. Coast Guard	(Room NAS 250)
“Waterway Information Network”	

1:30 **Challenge Speaker “Maritime Data for the 21st Century”**

[Introduction by Deborah Johnson, BTS]

Dr. Ashish Sen
Director, Bureau of Transportation Statistics

2:00 **Panel 4 – Intelligent Marine Transportation Systems**

Moderator / Organizer: CAPT Jon Helmick, U.S. Merchant Marine Academy

Coordinator: Alex Landsburg, Maritime Administration

Henry Marcus	Massachusetts Institute of Technology
Anne Aylward	EG&G Technical Services at the Volpe Center
Sandra Jean Borden	PAWSS, U.S. Coast Guard
Duncan Wright	CSX Lines

3:30 *Break*

4:00 **TECHNICAL SESSIONS AND PANEL**

Session 7 : ITS Technology and Information (Panel)

(Auditorium)

Session 8 : Environmental Issues

(Room NAS 150)

Session 9 : Regional Sediment Management II

(Lecture Room)

5:30 *Social Hour (in Great Hall with Exhibits and Posters)*

FRIDAY, NOVEMBER 16, 2001

7:30 *Breakfast*

8:30 **Challenge Speaker “Linking the Pieces: Developing an Integrated and Secure North American Freight Transport System”**

Harry Caldwell

Chief of Intermodal Freight, Federal Highway Administration

9:00 **Panel 5 – Coastwise Transportation**

Moderator: Paul Bea, Port Authority of New York and New Jersey

Coordinator: Tony Furst, Department of Transportation

Bill Ellis

Port Authority of New York and New Jersey

Anatoly Hochstein

National Institute of Ports and Waterways

John Ricklefs

Moffatt Nichols

Marc Stanley

Bollinger/Incat

James Wang

Greater Bridgeport Regional Planning Authority

10:30 *Break*

11:00 **TECHNICAL SESSIONS AND PANEL**

Session 10 - Ferries (Panel)

(Auditorium)

Session 11 - Container on Barge

(Lecture Room)

Session 12 - Navigation and Information Systems II

(Room NAS 150)

12:30 *Lunch*

1:30 **Panel 6 – MTS User Needs**

Moderator: Jeff High, U.S. Coast Guard

Coordinator: Bruce Parker, National Ocean Service, NOAA

Glenn Ashe

American Bureau of Shipping

Ed Mortimer

U.S. Chamber of Commerce

Barry Holliday

U.S. Army Corps of Engineers

Peter Lehman

South Carolina State Ports Authority and AAPA

Leo Penne

American Association of State Highway and Transportation
Officials

Mike Watson

American Pilots' Association

Chuck Carroll

National Association of Waterfront Employees

Jonathan Benner

INTERTANKO

Ed Welch

Passenger Vessel Association

3:30 **Closing Remarks**

TECHNICAL SESSIONS

SESSION 1 – Future Fleet Predictive Capability

(Wednesday, November 14, 4:00 pm, Room NAS 150)

Organizer Phillip Thorpe, Institute for Water Resources, U.S. Army Corps of Engineers

Co-Chairs Mark Pointon, Institute for Water Resources U.S. Army Corps of Engineers
Ian Mathis, Institute for Water Resources U.S. Army Corps of Engineers

Speakers

Ben Hackett	DRI-WEFA	<i>International Trade Forecasting</i>
Mike Sclar	Michael Sclar Associates	<i>Future Fleet Predictive Capability: NDNS Fleet Forecast Update</i>
Phillip Thorpe	U.S. Army Corps of Engineers	<i>Future U.S. Vessel Constraints</i>
Paul Pollinger	Pollinger and Company	<i>Ocean/River Hull Design Concept</i>

SESSION 2 – Navigation and Information Systems I

(Wednesday, November 14, 4:00 pm, Auditorium)

Chair Rudy Peschel, Consultant for Saab Transponder Tech

Coordinator Athar Pirzada, U.S. Coast Guard

Panelists

Marcus Nyberg	Saab Transponder Tech	<i>Development and Implementation of Coastal AIS Network Concepts, with MTS Implications</i>
Jay Spalding	U.S. Coast Guard	<i>Intelligent Waterway Systems (IWS)</i>
Mike Brown	National Ocean Service, NOAA	<i>The United States ENC Program of The Coast Survey</i>
Kathryn Bosley Mark Bushnel	National Ocean Service, NOAA	<i>Prospect for P.O.R.T.S.TM</i>
Vladimir Trbojevic	EQE International Ltd.	<i>Linking Risk Assessment of Marine Operations to Safety Management in Ports</i>

SESSION 3 – Regional Sediment Management I

(Wednesday, November 14, 4:00 pm, Lecture Room)

Organizer William H. McAnally, U.S. Army Corps of Engineers

Co-Chairs Barry Holliday, U.S. Army Corps of Engineers
William H. McAnally, U.S. Army Corps of Engineers

Speakers

William McAnally	U.S. Army Corps of Engineers	<i>The Corps' Regional Sediment Management Research Program</i>
Richard Gorini	J. Simmons Group Port of Houston	<i>Regional Management – Ports Perspective</i>
R. Bruce Taylor	Taylor Engineering	<i>RSM Experiences and Issues – Vicinity Ponce de Leon Inlet, Florida</i>
Ashish Mehta	University of Florida	<i>Fine Sediment Dynamics at a Regional Scale</i>
Simeon Hahn	National Ocean Service, NOAA	<i>Support for Decision Making in Evaluating Proposed Dredging Projects</i>
Mary Matta	National Ocean Service, NOAA	
Alyce Fritz	National Ocean Service, NOAA	

SESSION 4 (PANEL) – Intermodal Freight Network System

(Thursday, November 15, 11:00 am, Auditorium)

Organizers/Chairs Robert Bouchard, Maritime Administration
Richard Walker, Maritime Administration

Panelists

Blair Garcia	TranSystems Corporation	<i>Efficient Marine-Rail Interface</i>
Bill Ellis	Port Authority of New York and New Jersey	<i>Port Intermodal Distribution Network</i>
Peter Franke	Noell Crane (Germany)	<i>Inland Agile Port</i>
Mike Crock	Noell Crane	
William Goetz	CSX Lines	<i>Intermodal Economics and Port Innovation</i>

SESSION 5 – Levels of Service

(Thursday, November 15, 11:00 am, Lecture Room)

Organizer Sandra Knight, U.S. Army Corps of Engineers

Chair Pat Mutschler, Institute for Water Resources, U.S. Army Corps of Engineers

Speakers

Ray Derr	Federal Highway Administration	<i>Highway Perspective</i>
David Grier	U.S. Army Corps of Engineers	<i>Capacity of Inland Waterways</i>
Jack Langowski	Planning and Management Consultants, Ltd.	<i>Corps LOS Perspective</i>
Greg Brubeck	Port of Corpus Christi	<i>Port Perspective</i>
Mike Sollosi	U.S. Coast Guard	<i>Coast Guard Perspective</i>

SESSION 6 – Ballast Water Treatment Technologies

(Thursday, November 15, 11:00 am, Room NAS 150)

Organizers Craig Vogt, Environmental Protection Agency
Dorn Carlson, Sea Grant, NOAA

Chairs Glynis Hill, Environmental Protection Agency
Dorn Carlson, NOAA
Rich Everett, U.S. Coast Guard

Speakers

Allegra Cangelosi	Northeast/Midwest Institute	<i>Shipboard Ballast Water Treatment Tests</i>
George Wright	Princess Cruise Lines	<i>Ballast Water Treatment on a Cruise Ship</i>
David Wright	University of Maryland	<i>Ballast Water Treatment on MV Cape May</i>
Bill Stubblefield	ENSR Corporation	<i>Ballast Water Treatment on the Tonsina</i>
Ray Frederick	Environmental Protection Agency	<i>Environmental Technology Verification for Ballast Water</i>

SESSION 7 (PANEL) – ITS Technology and Information

(Thursday, November 15, 4:00 pm, Auditorium)

Chairs / Organizers	Robert Bouchard	Maritime Administration
	Richard Walker	Maritime Administration
Panelists		
John Lutz	Transcentric Corporation	<i>Regional Information Sharing Systems – Internet Based</i>
Terry Gibson	Science Applications International Corporation	<i>Optical Scanning Technology for Marine Gate Systems</i>
Vic Orphan	Science Applications International Corporation	<i>X-Ray Technology for Container Inspections</i>
Karen Tobia	Port Authority of New York and New Jersey	<i>Freight Information Real-Time System for Transport</i>

SESSION 8 – Environmental Issues

(Thursday, November 15, 4:00 pm, Room NAS 150)

Chair Jean Snider, National Ocean Service, NOAA

Coordinator Richard Legatski, Legislative Affairs, NOAA

Speakers

Malcolm Spaulding	University of Rhode Island	<i>TRANSMAP: An Integrated, Real-Time Environmental Monitoring and Forecasting System For Highways and Waterways in Rhode Island</i>
Donna Turgeon Michelle Harmon Gary Matlock	National Ocean Service, NOAA	<i>Hawaii Pilot Project to Build a National Early Warning System for Invasive Species</i>
Tom Chase Tom Bigford	AAPA NMFS, NOAA	<i>Key Environmental Issues in a Sound MTS Strategy</i>
Michael Bruno Kelly Rankin Frank McDonough Robert Chant	Stevens Institute of Technology Stevens Institute of Technology Nation's Port Rutgers University	<i>Addressing the Contaminated Sediment Problem in the Port of New York and New Jersey: Preliminary Results</i>

SESSION 9 – Regional Sediment Management II

(Thursday, November 15, 4:00 pm, Lecture Room)

Organizer William H. McAnally, U.S. Army Corps of Engineers

Chair Barry Holliday, U.S. Army Corps of Engineers
William H. McAnally, U.S. Army Corps of Engineers

Speakers

Jeff Haines	U.S. Geological Survey	<i>Understanding the Geological Framework and Processes of Coastal Sedimentation Systems</i>
Robert Carousel	Environmental Protection Agency	<i>Candidate Eutrophication Models For TMDL Analyses in Support of The Clean Water Act</i>
Tonja Koob	U.S. Army Corps of Engineers	<i>Atchafalaya River and Mississippi River Gulf Outlet – Navigation Issues</i>
John Remus	U.S. Army Corps of Engineers	<i>Maintaining Reliable Navigation Channels While Altering Alluvial Processes</i>
William McAnally	U.S. Army Corps of Engineers	<i>Tying It All Together</i>

SESSION 10 (PANEL) – Ferries

(Friday, November 16, 11:00 am, Auditorium)

Chair Richard Lolich, Maritime Administration

Coordinator Michael Gordon, Maritime Administration

Panelists

James Bamberger	Maritime Institute of Technology	<i>Vessel Wake and Other Issues Facing Ferry Operators</i>
Clayton Cook, Jr.	Management and Transportation Associates	<i>Challenge and Opportunities in Financing Ferry Boats and Operations</i>
Bill Burns	Mangia Onda Company	<i>Ferry Vessel Design Which Creates Little Or No Wake</i>

Roberta Weisbrod	Partnership for Sustainable Ports	<i>Pre and Post 9/11 Impact on Ferry Transportation in the New York Area and Technological Needs from the Customer's View</i>
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SESSION 11 – Container on Barge: Problems, Practical and Political

(Friday, November 16, 11:00 am, Lecture Room)

Organizer James McCarville, Port of Pittsburgh

Chair Bill Ellis, Port Authority of New York and New Jersey

Speakers

Robert Holliday	U.S. Customs Service	<i>Stream-of-Commerce Container Study</i>
James Corbett	University of Delaware	<i>Calculating the Public Air Quality Benefits of Private Container on Barge Movements</i>
Bill Jordan	Texas National Resource Conservation Commission	<i>How One State Looks at Air Quality and Maritime/Container on Barge Issues</i>
William Edwing	Osprey Lines	<i>Operational Issues Initiating a Container on Barge Service</i>
James McCarville	Port of Pittsburgh	<i>Discussion: Devising a Research Strategy for Container on Barge</i>

SESSION 12 – Navigation and Information Systems II

(Friday, November 16, 11:00 am, Room NAS 150)

Chair Andrew Silver, David Taylor Model Basin, Carderock, U.S. Navy

Coordinator Siraj Khan, U.S. Customs Service

Speakers

Larry Daggett	Waterway Simulation Technology, Inc.	<i>Ship Performance Measurements – Houston Ship Channel, Galveston Bay, Texas</i>
Andrew Silver	U.S. Navy	<i>Entrance Channel Design Tool</i>
Zeki Dermirbilek	U.S. Army Corps of Engineers	<i>Next Generation Navigation Aids</i>
Warren Heerlien	U.S. Coast Guard R&D Center	

Rich Hansen	U.S. Coast Guard R&D Center	<i>Research (NGEN NAV)</i>
Ric Walker	U.S. Coast Guard R&D Center	
James Tindall	MariTEL	<i>Integrated Marine Communications</i>
Ronald Gaynor	Harris Corporation	
Charles Armstrong	U.S. Customs Service	<i>ACE Benefits – Business and Technology</i>

POSTERS

Bruce Parker	National Ocean Service, NOAA	<i>Oceanographic Model Forecast Systems: Economic Benefits for the Marine Transportation System</i>
Ric Walker	U.S. Coast Guard R&D Center	<i>Navigational Aids User Survey</i>
Kathleen Shea	U.S. Coast Guard R&D Center	
Richard Schmalz	National Ocean Service, NOAA	<i>Houston Ship Channel Hydrodynamics: Measurement and Modeling Perspective</i>
Bob Pawlowski	Thales GeoSolutions	<i>Application of Multi-beam Echosounder Systems to Habitat Delineation</i>
Jerry Wilson	Thales GeoSolutions	